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Sub	stitute for form 1449A/B/PT	·o	,	Complete If Known			
				Application Number	10/523,107-Conf. #8412		
11	IFORMATION	1 DI	SCLOSURE	Filing Date	February 3, 2005		
S	TATEMENT I	3Y /	APPLICANT	First Named Inventor	Yutaka INOUE		
				Art Unit	2875 2821		
	(Use as many sh	eets as	s necessary)	Examiner Name	Not Yet Assigned MINHA		
Sheet	1	of	1	Attomey Docket Number	1254-0268PUS1		

	U.S. PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear				

	FOREIGN PATENT DOCUMENTS									
Examiner Cite Initials* No.	Cito	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,					
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear					
MA	ВА	JP-2001-268941-A	09-28-2001			1				
MA	ВВ	JP-10-92589-A	04-10-1998			V				

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		NON PATENT LITERATURE DOCUMENTS	
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Examiner Signature	Mah Mark	Date Considered	9/20/07	
Birch, Stewar	rt, Kolasch & Birch, LLP		TC	B/pih

March 2, 2006

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Sut	Substitute for form 1449A/B/PTO			Complete if Known			
000				Application Number	Not Yet Assigned		
11	IFORMATION	I DI	SCLOSURE	Filing Date	February 3, 2005		
S	STATEMENT BY APPLICANT			First Named Inventor	Yutaka INOUE		
	.,,,	- · ·		Art Unit	NA 2821		
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			FOREIG	GN PATENT D	OCUMENTS		
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		No.	Country Code ³ -Number ⁴ -Kind Code ⁸ (# known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	
M	A	ВА	JP-5-90897-U	12-10-1993			1
•	1	ВВ	JP-1-134398-U	09-13-1989			1
		ВС	JP-4-36997-A	02-06-1992	•		1
		BD	JP-59-144376-A	08-18-1984			[1
	1	BE	JP-2001-126888-A	05-11-2001			1
		BF	JP-8-110522-A	04-30-1996			V
		BG	JP-5-119311-A	05-18-1993			1
•	V	ВН	JP-62-234126-A	10-14-1987			1

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work Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known Substitute for form 1449A/B/PTO Application Number 10/523,107-Conf. #8412 INFORMATION DISCLOSURE Filing Date February 3, 2005 STATEMENT BY APPLICANT Yutaka INOUE First Named Inventor Art Unit (Use as many sheets as necessary) Examiner Name Not Yet Assigned Sheet 1 of 1 Attomey Docket Number 1254-0268PUS1

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MA	ВА	JP-61-176097-A	08-07-1986	Intento Patent AG		1				

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Rich Stowns	t Kolarch &	Birch LLD		TCR/nih

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IN	FORMATIO	ON DISC	CLOSURE	Filing Date	February 3, 2005	
SI	TATEMEN ^T	T BY AP	PLICANT	First Named Inventor	Yutaka INOUE	
				Art Unit	2821	
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M	A	AA*	US-2002/0130628-A1	09-19-2002	Shin				
		AB*	US-6,661,181-B2	12-09-2003	Shin '				
		AC*	US-6,636,190-B2	10-21-2003	Hirakata et al.				
	1	AD*	US-6,087;757-A	07-11-2000	Honbo et al.				

			FOREI	GN PATENT	DOCUMENTS		
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M	A	ВА	KR-2002-61834-A	07-25-2002	Samsung Electronics Co Ltd		7
		вв	JP-63-313136-A	12-21-1988	Hitachi Ltd		
		вс	JP-6-19299-U	03-11-1994			V
		BD	JP-5-130750-A	05-25-1993			1
		BE .	JP-2002-123226-A	04-26-2002			\overline{V}
		BF	JP-2001-110582-A	04-20-2001			V
		BG	JP-11-8087-A	01-12-1999	Nippon Electric Co		V
•	V	вн	JP-8-122776-A	05-17-1996	Seiko Epson Corp		1

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Examiner Signature MAMMA	Date Considered	9/20/07
Birch, Stewart, Kolasch & Birch, LLP		TCB/MH/pjh

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Sub	stitute for form 1449/P7	10		Complete if Known		
				Application Number	10/523,107-Conf. #8412	
. 10	IFORMATION	ON DIS	CLOSURE	Filing Date	February 3, 2005	
S	TATEMEN	ГВҮ А	PPLICANT	First Named Inventor	Yutaka INOUE	
				Art Unit	NA 9321	
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Sheet	.1	of	. 1	Attorney Docket Number	1254-0268PUS1	

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MA	ВА	JP-2001-210126-A	08-03-2001					

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Examiner Date Signature Considered TĆB/MH/pjh Birch, Stewart, Kolasch & Birch, LLP

June 1, 2007

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	\			Art Unit	2821	
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Initials.	No.	Country Codo ³ -Numbor ⁴ -Kind Codo ⁶ (if known)	MM-DD-YYYY	Applicant of Cited Document	Whore Relevant Passages Or Relevant Figures Appear	70
MA	BA	JP-10-82914-A	03-31-1998	T		1

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Signature / // ////	Considered 1/20/07
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Birch, Stewart, Kolasch & Birch, LLP	TCB/MH/ssm

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